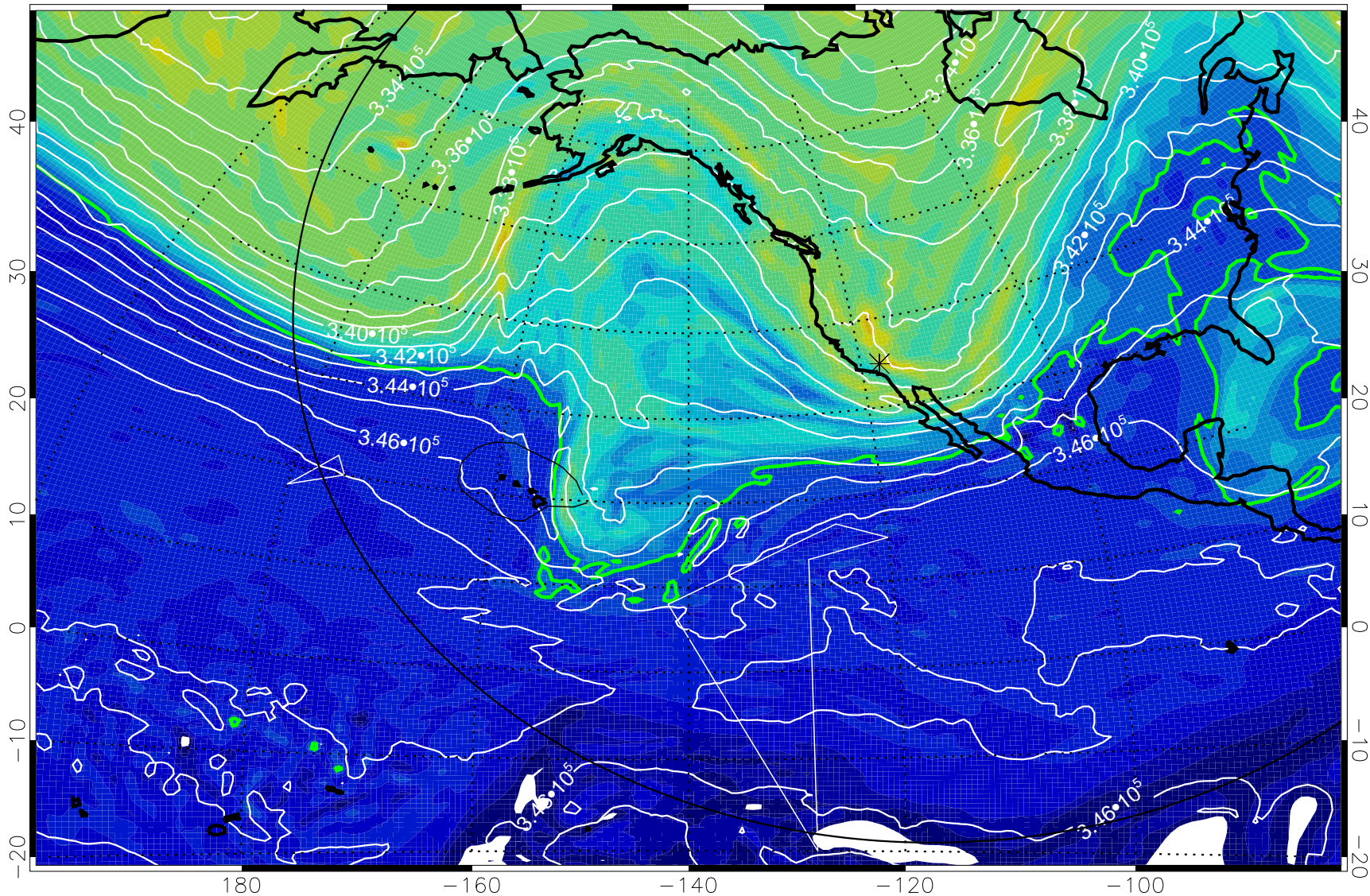


13011218, 6 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

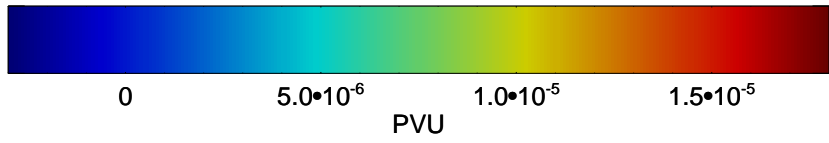
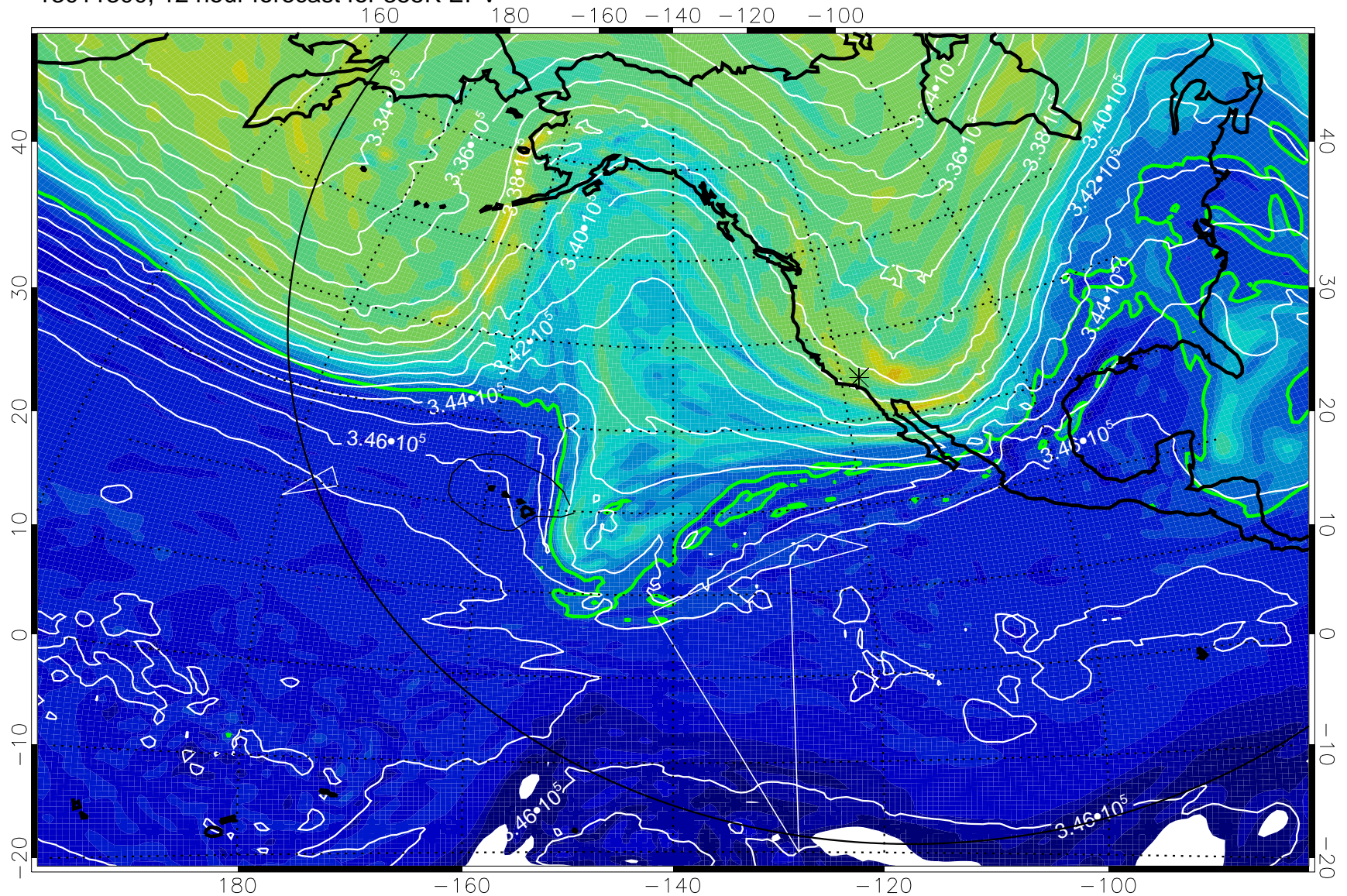


0  $5.0 \times 10^{-6}$   $1.0 \times 10^{-5}$   $1.5 \times 10^{-5}$

PVU

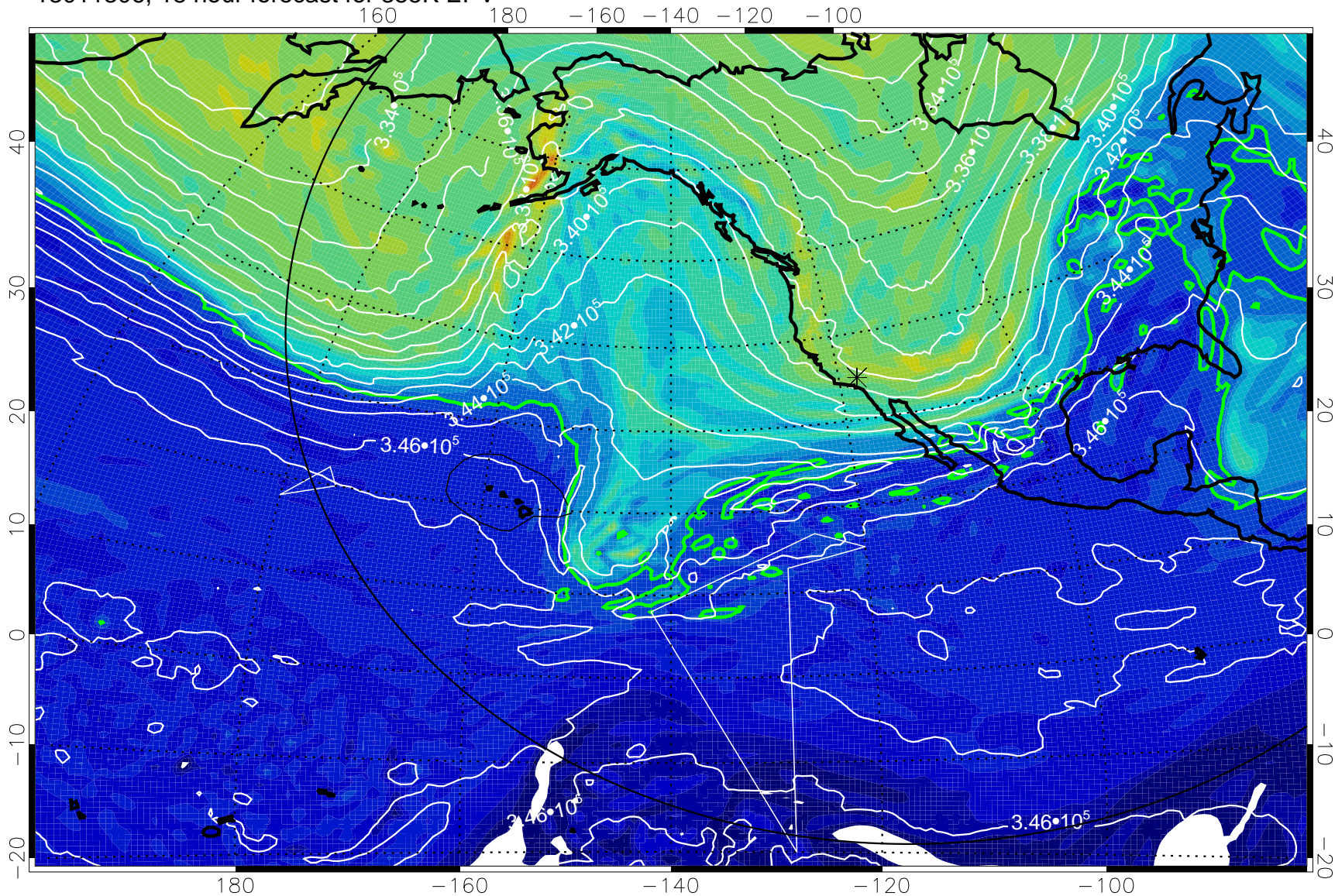
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011300, 12 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

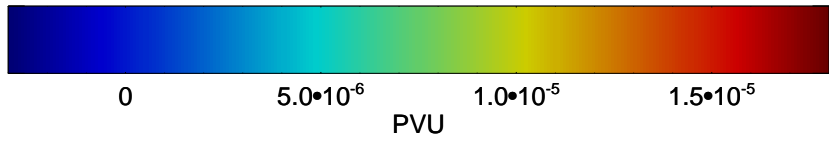
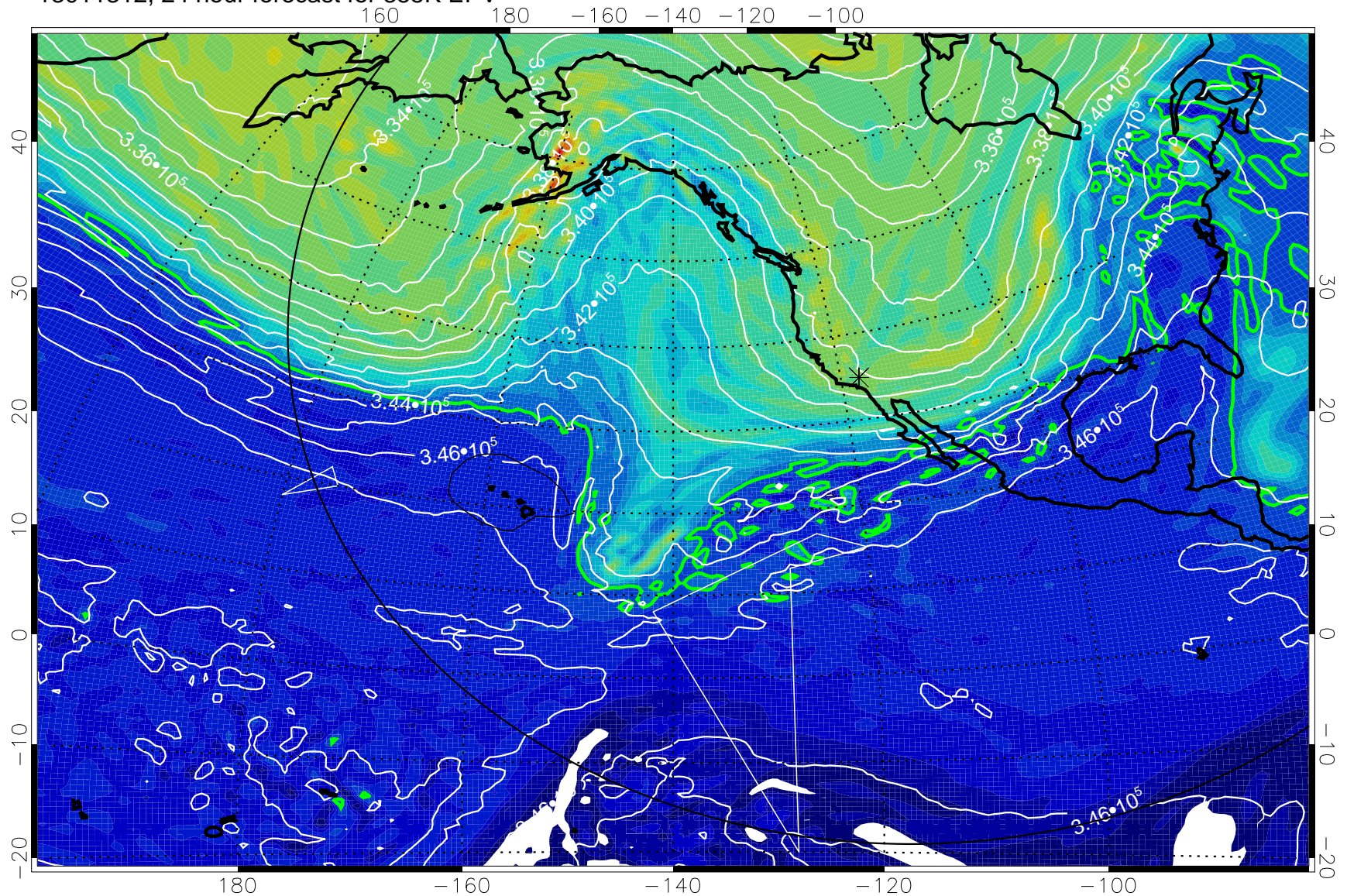
13011306, 18 hour forecast for 355K EPV



0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

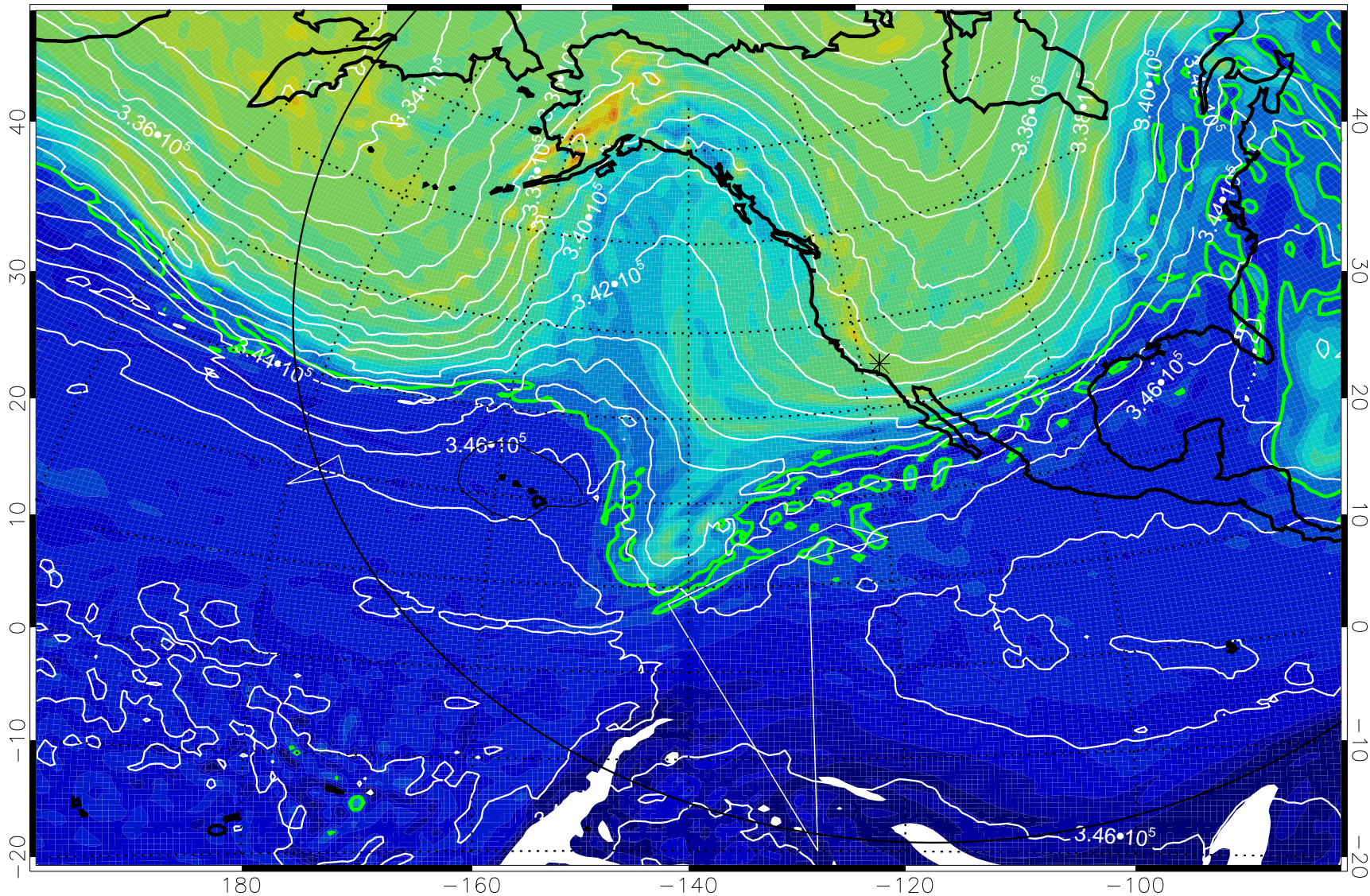
13011312, 24 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011318, 30 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

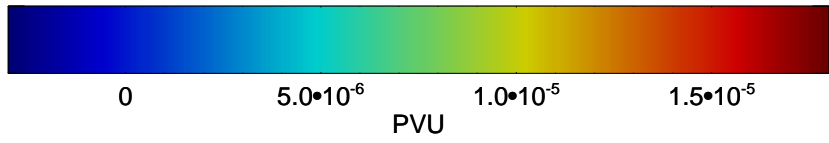
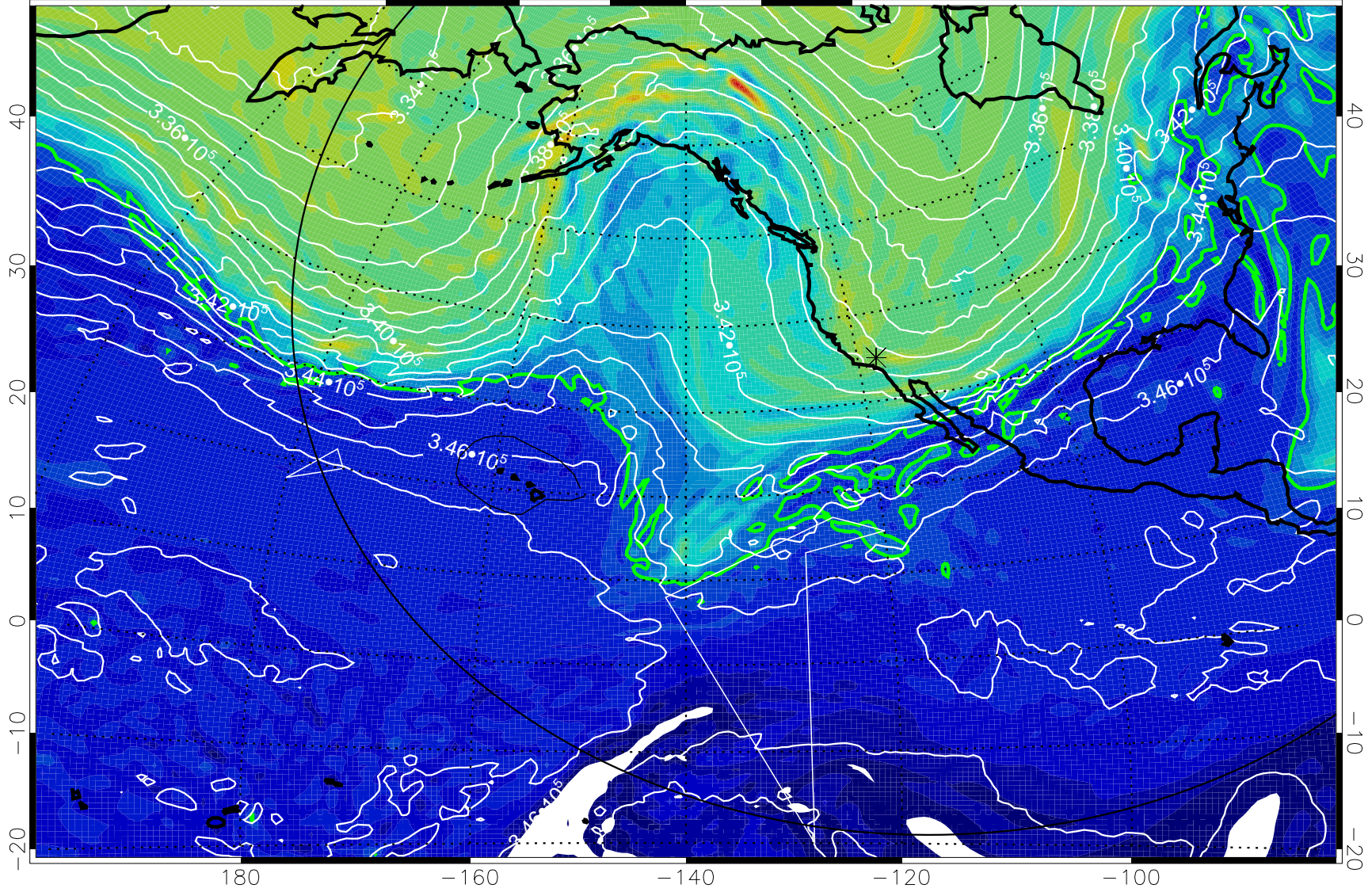


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011400, 36 hour forecast for 355K EPV

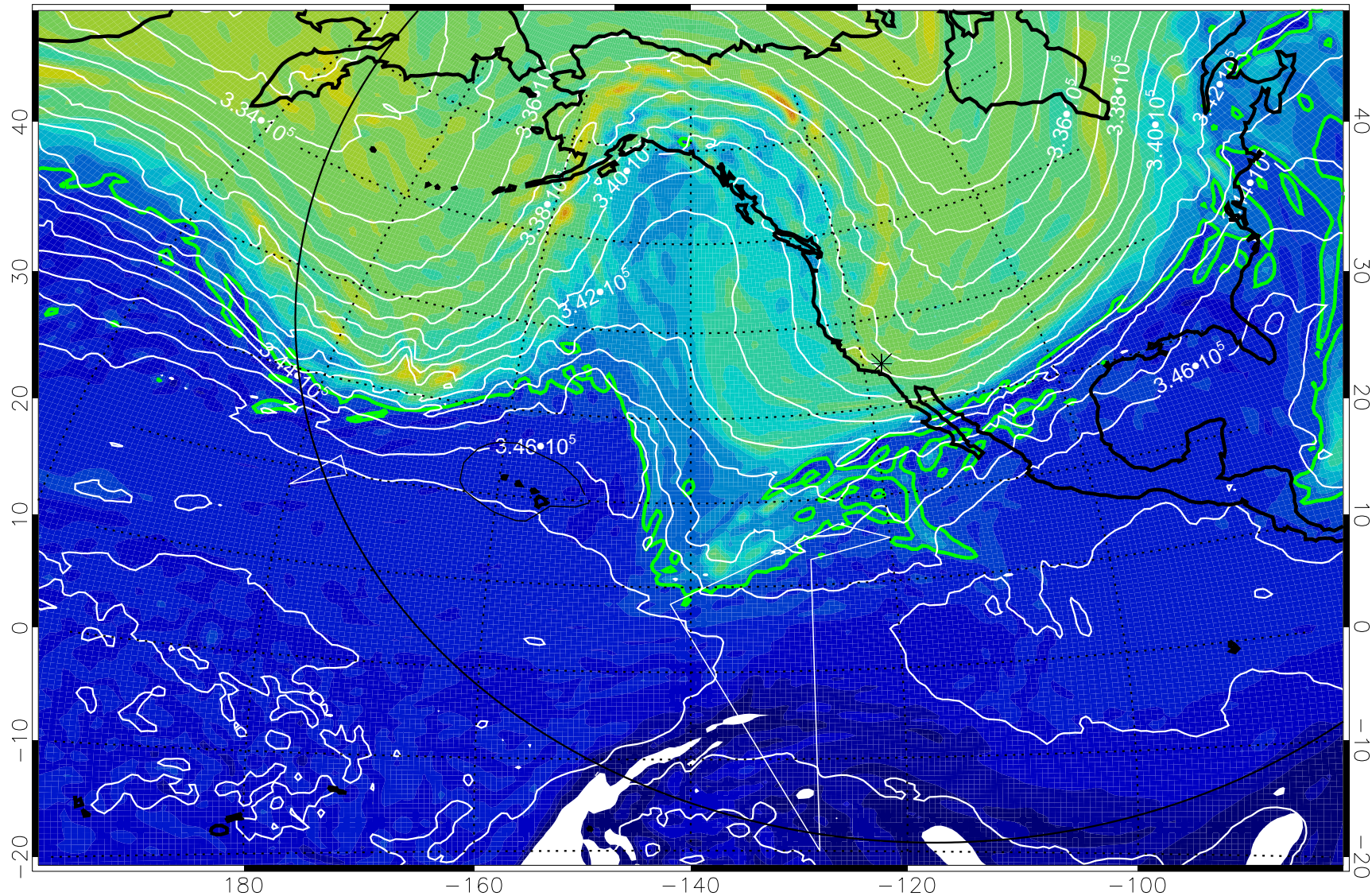
160 180 -160 -140 -120 -100



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011406, 42 hour forecast for 355K EPV

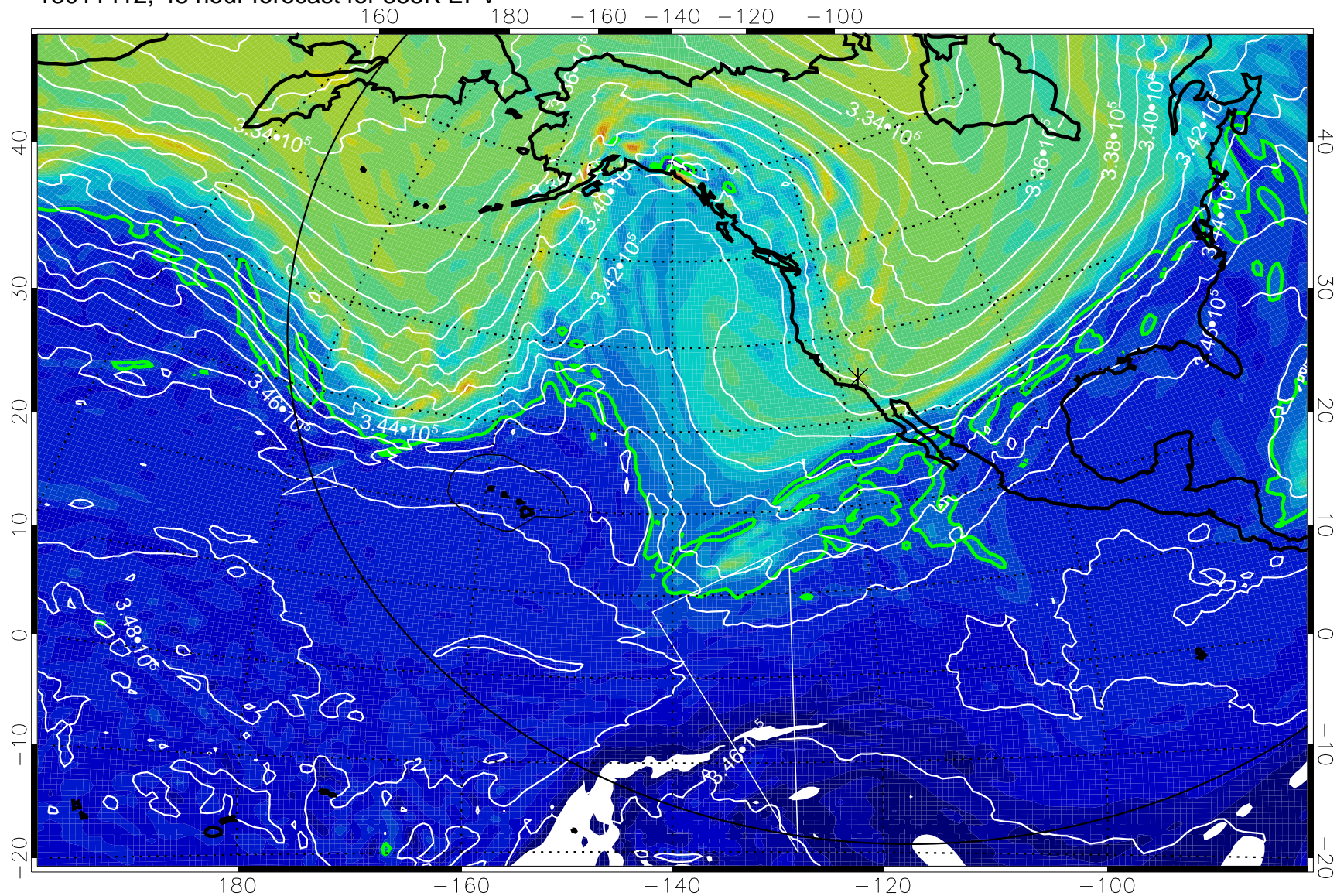
160 180 -160 -140 -120 -100



0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

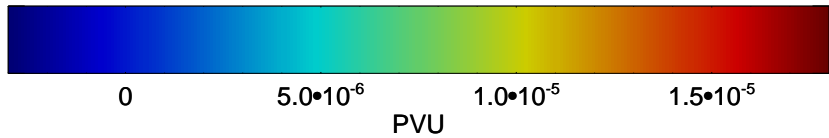
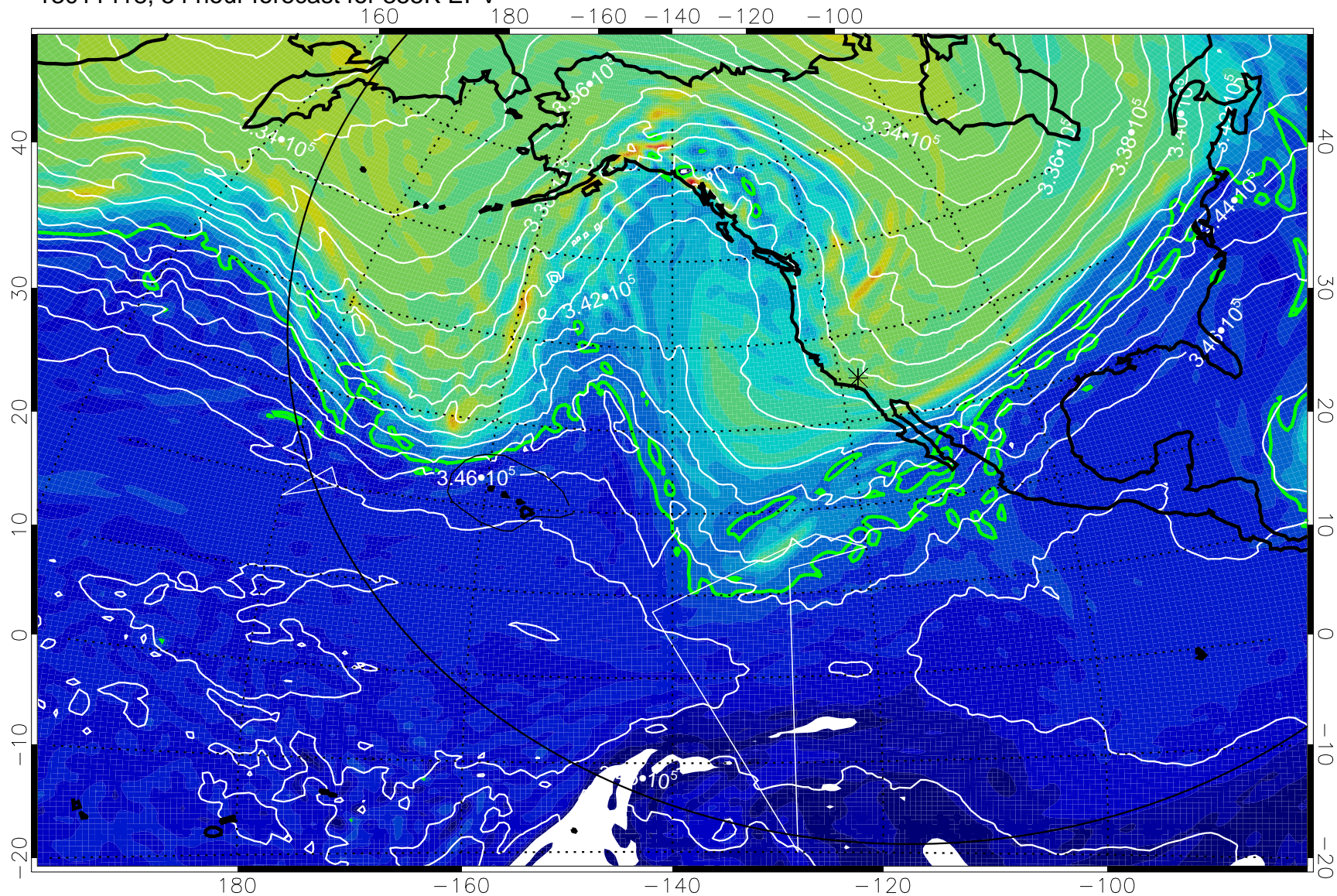
13011412, 48 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

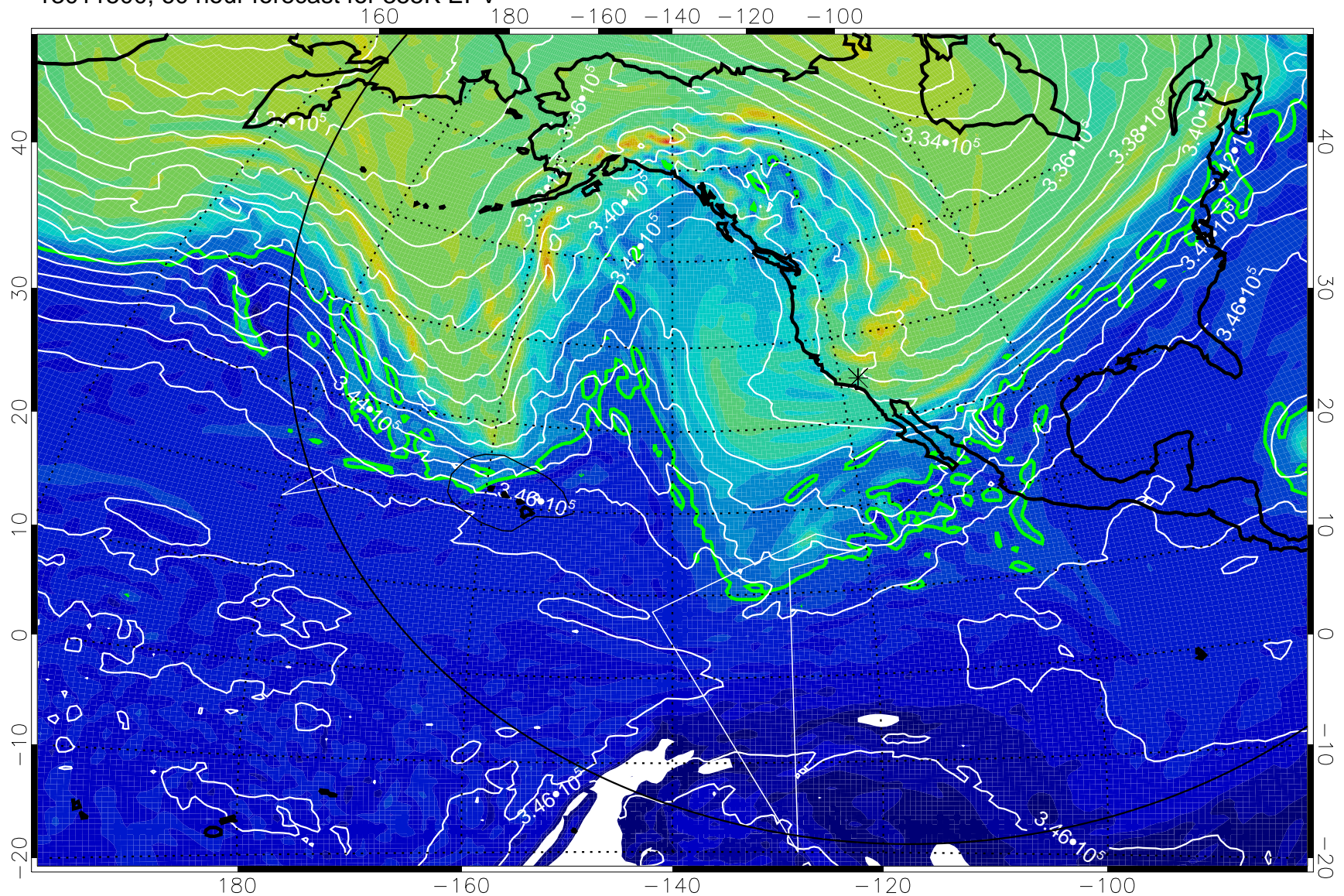


13011418, 54 hour forecast for 355K EPV



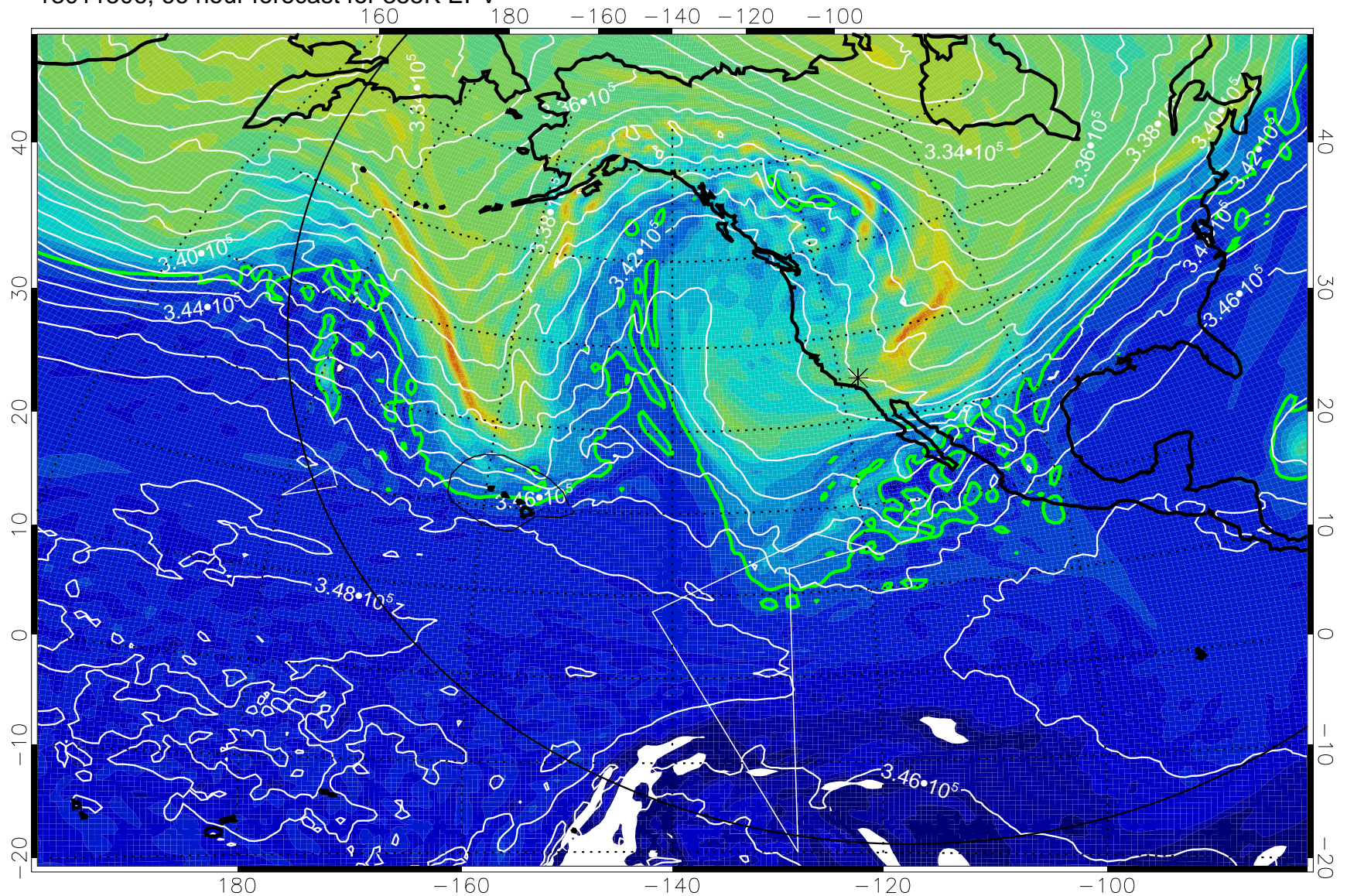
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011500, 60 hour forecast for 355K EPV



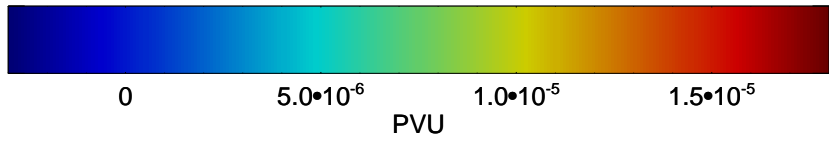
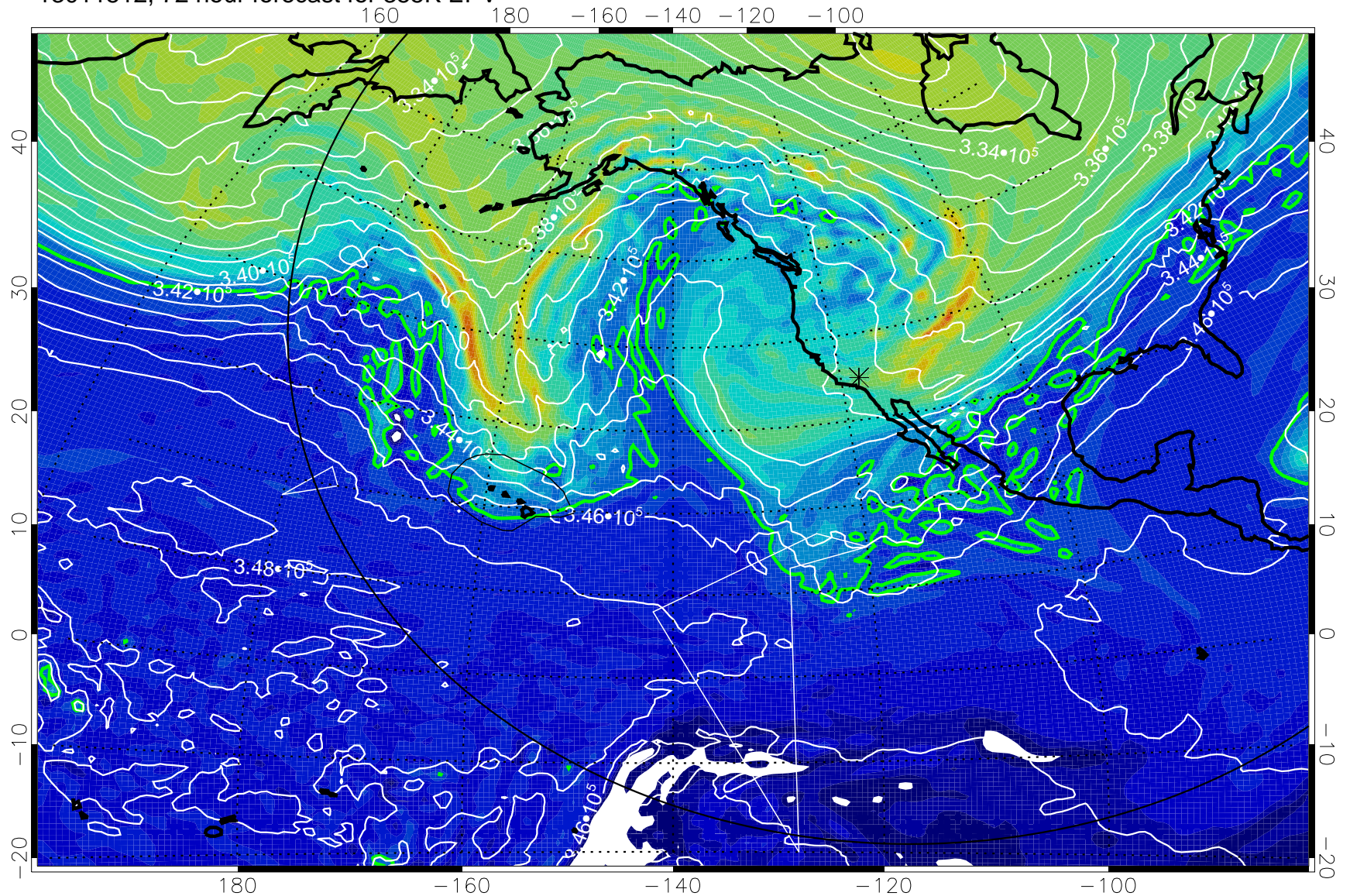
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011506, 66 hour forecast for 355K EPV



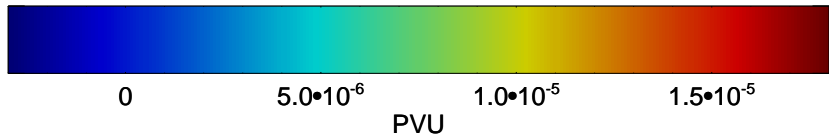
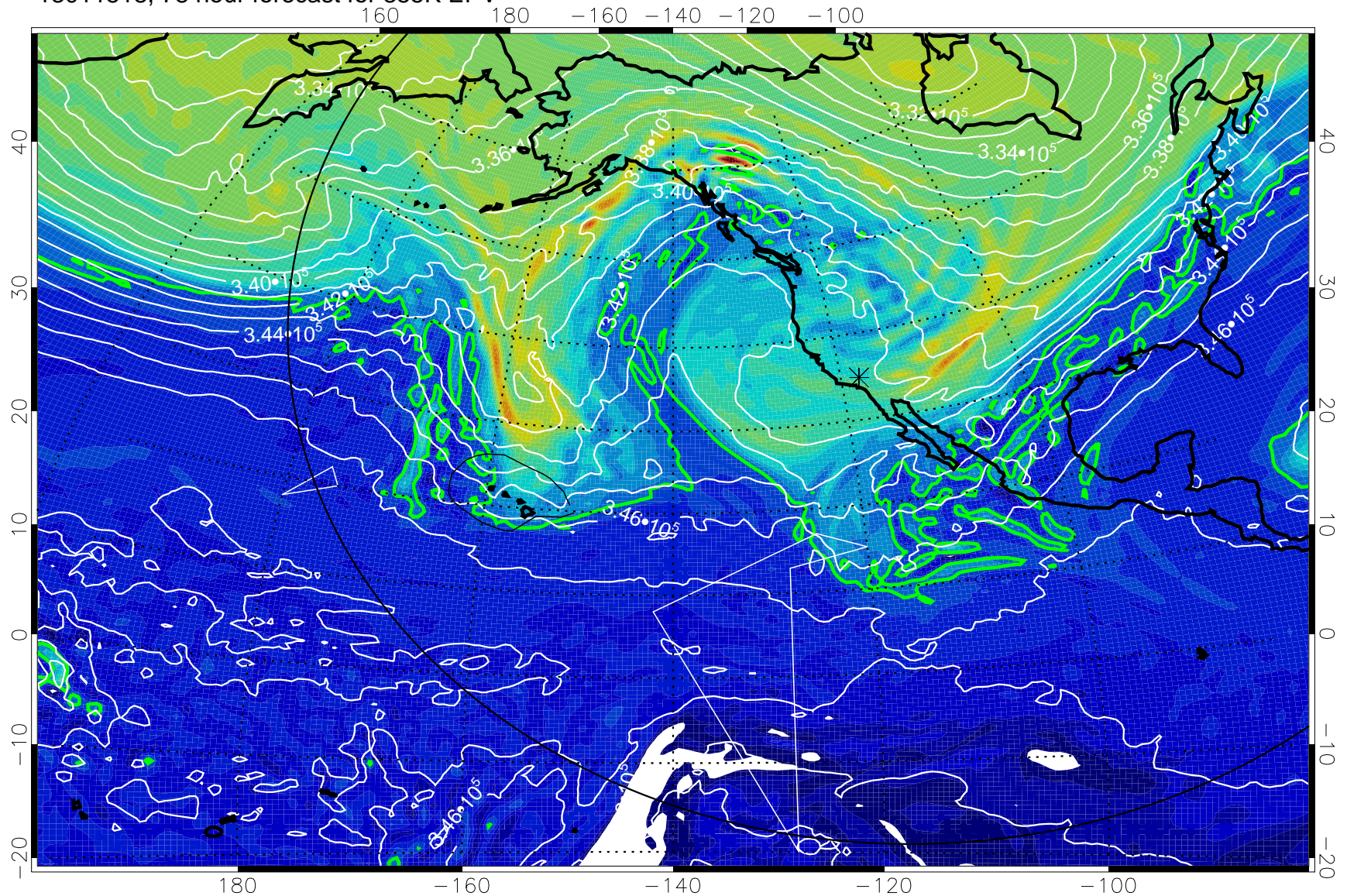
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011512, 72 hour forecast for 355K EPV



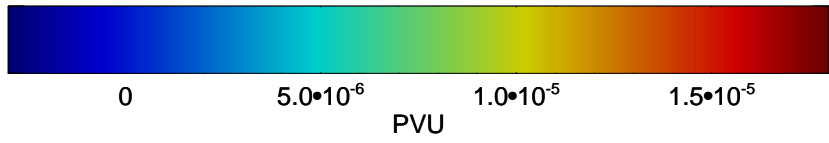
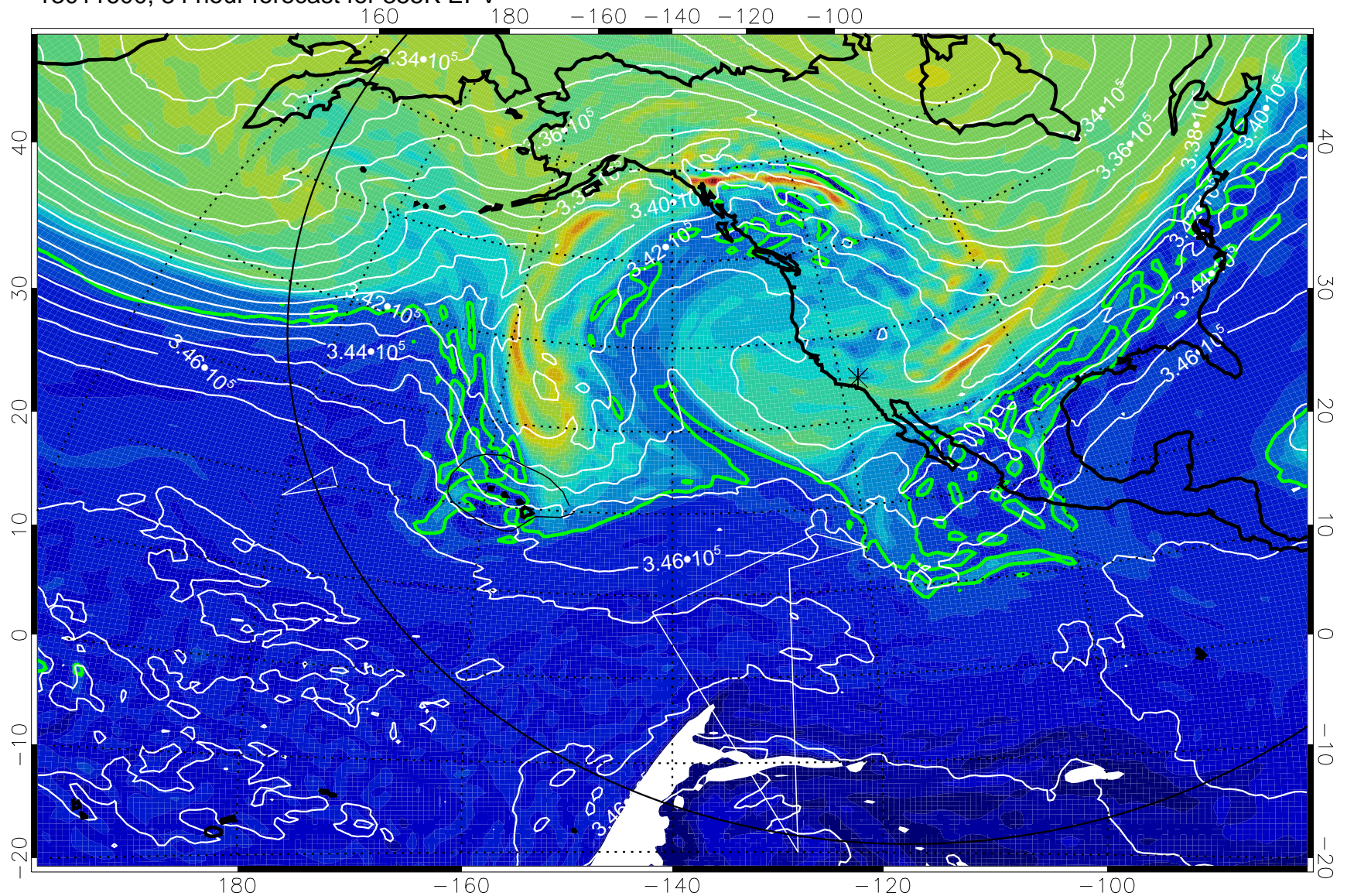
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011518, 78 hour forecast for 355K EPV



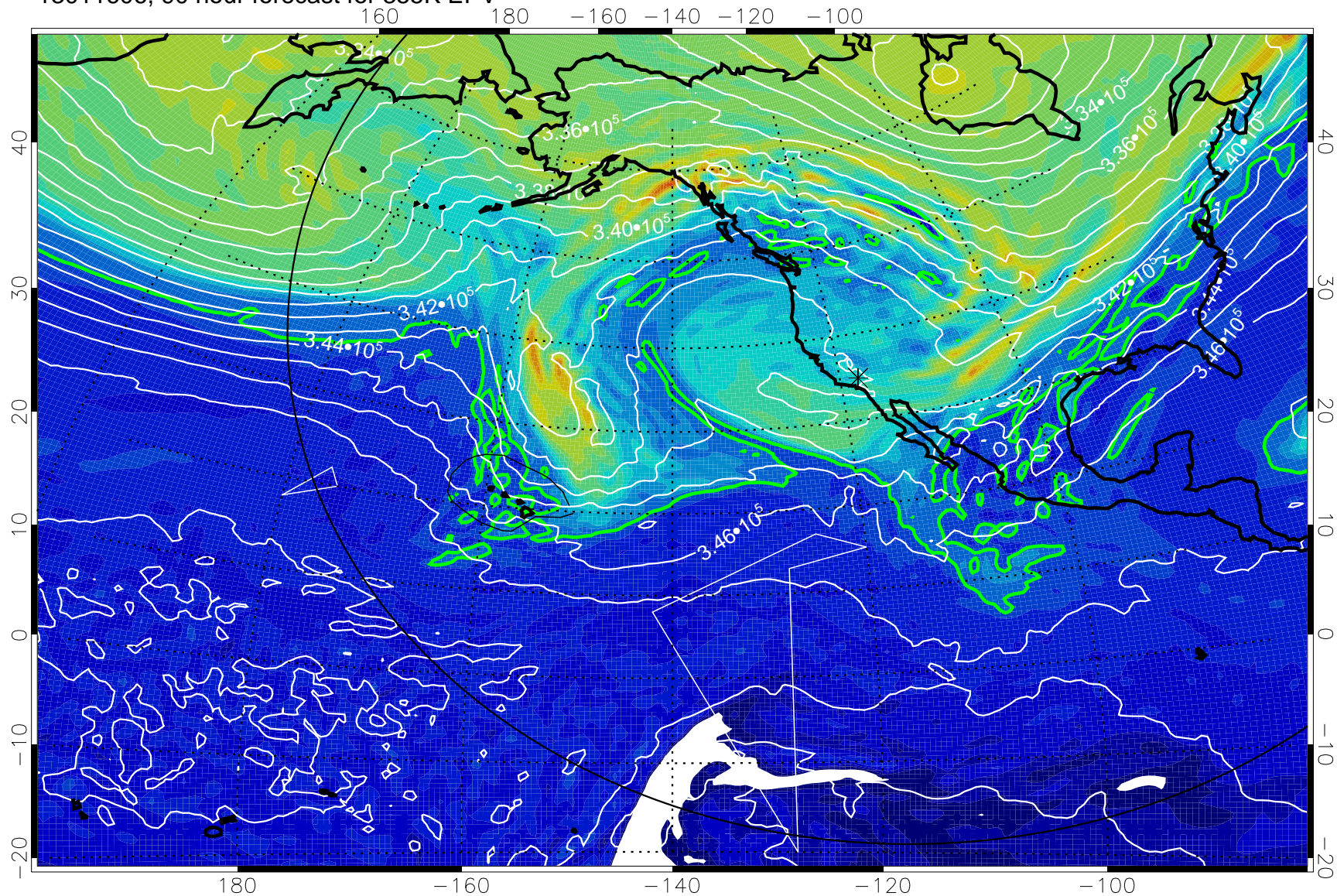
355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011600, 84 hour forecast for 355K EPV



355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

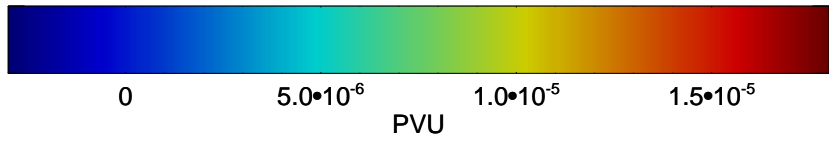
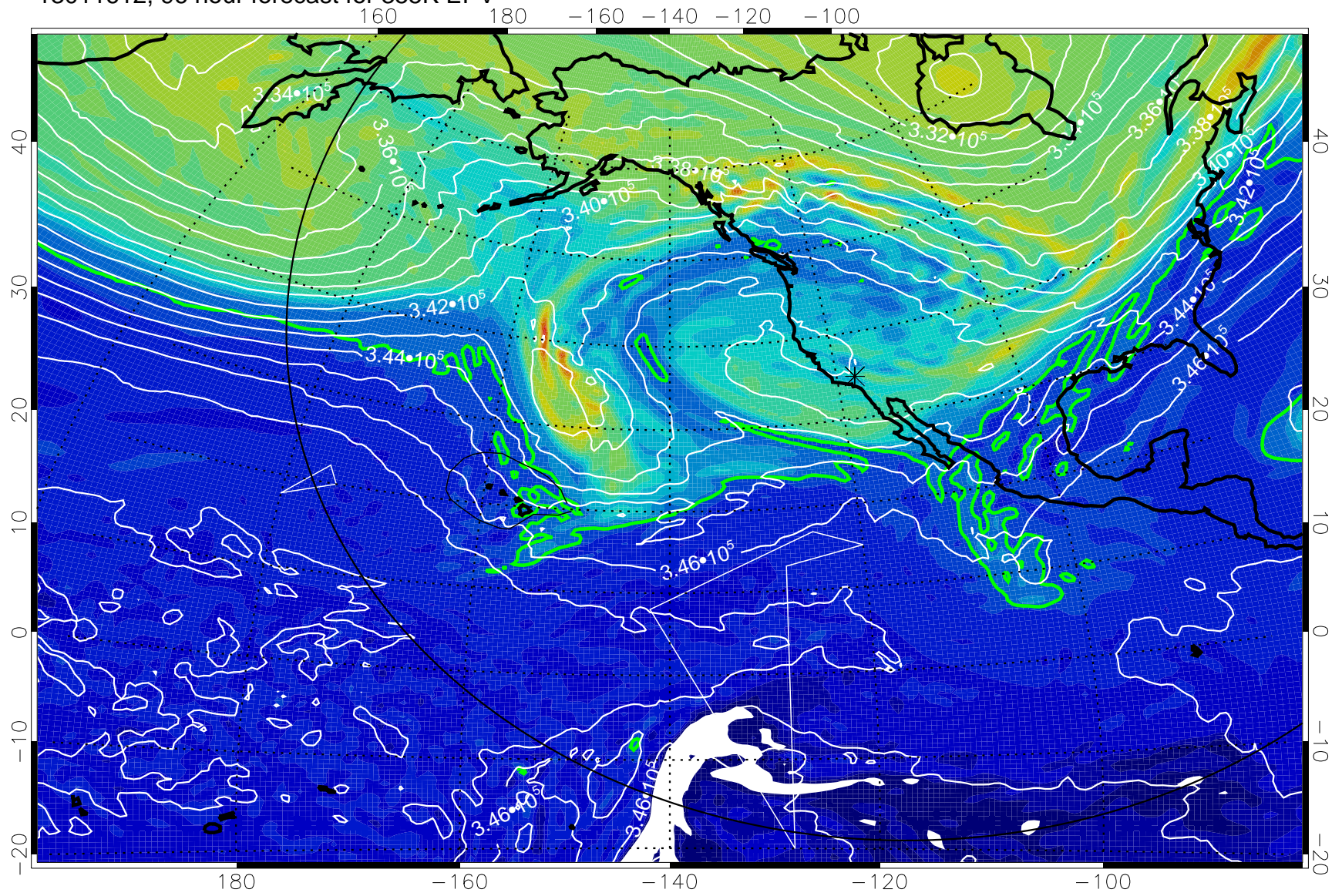
13011606, 90 hour forecast for 355K EPV



0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011612, 96 hour forecast for 355K EPV

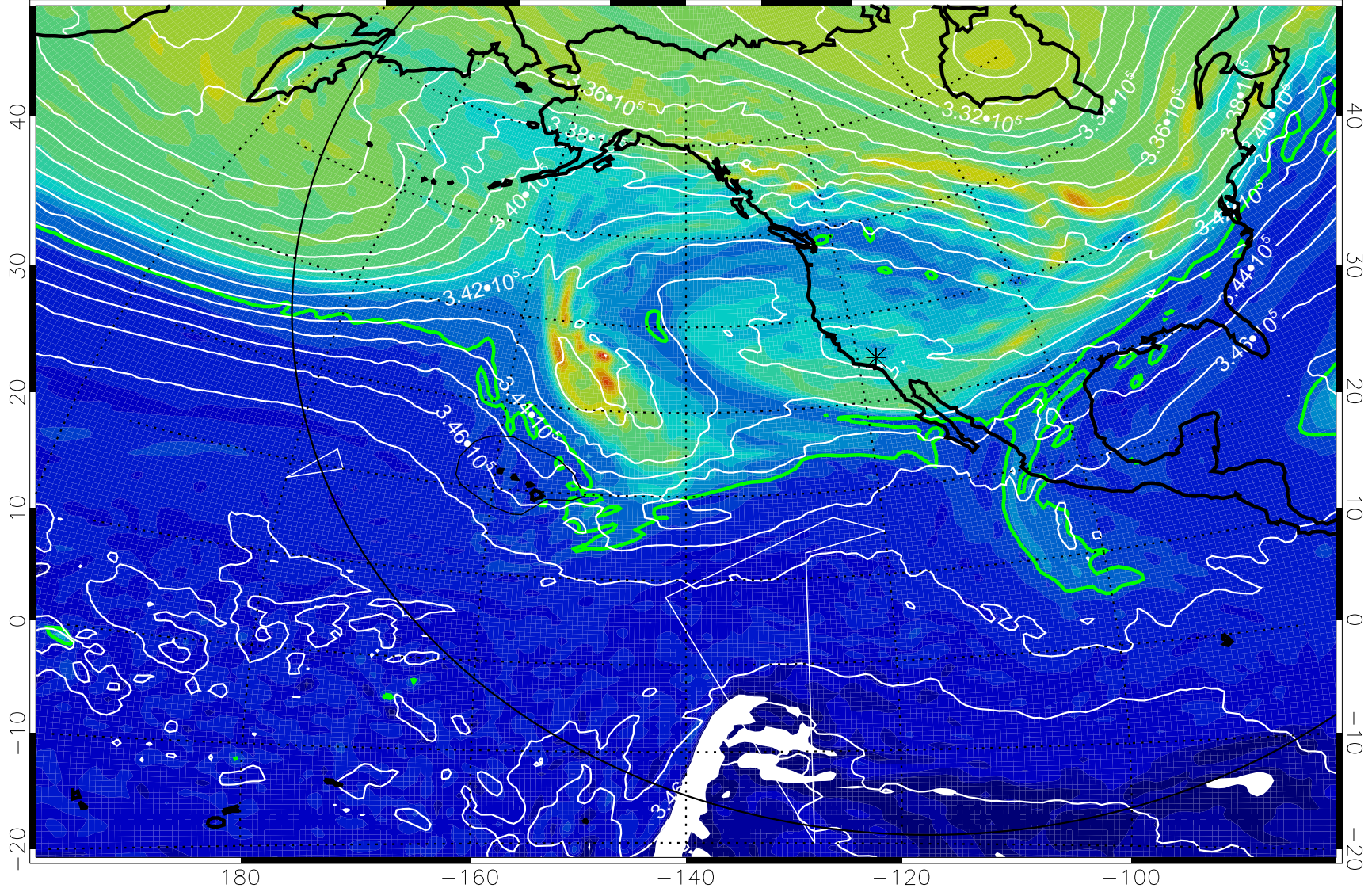


355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip



13011618, 102 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

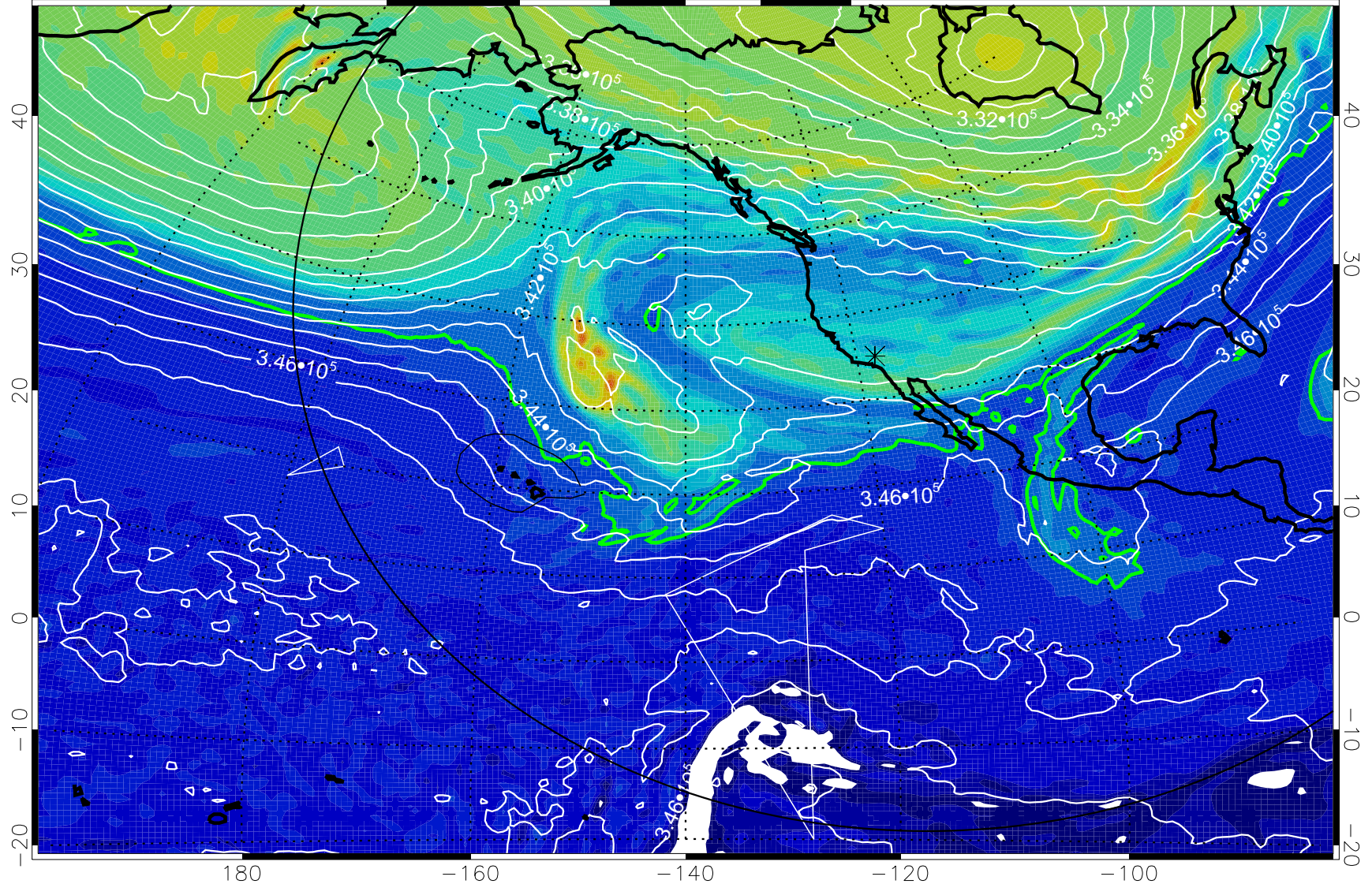


0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011700, 108 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

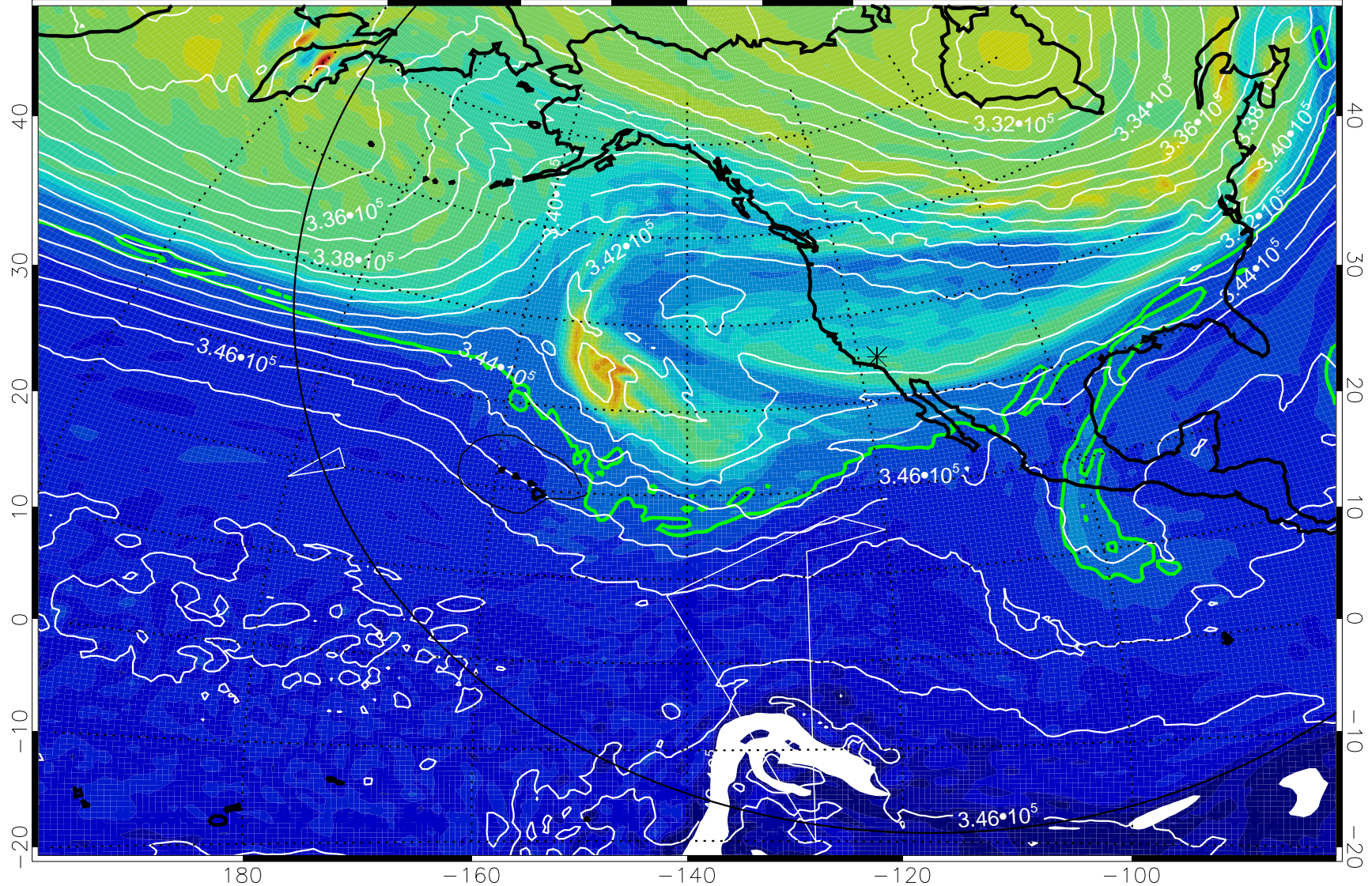


0  $5.0 \cdot 10^{-6}$   $1.0 \cdot 10^{-5}$   $1.5 \cdot 10^{-5}$   
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011706, 114 hour forecast for 355K EPV

160 180 -160 -140 -120 -100

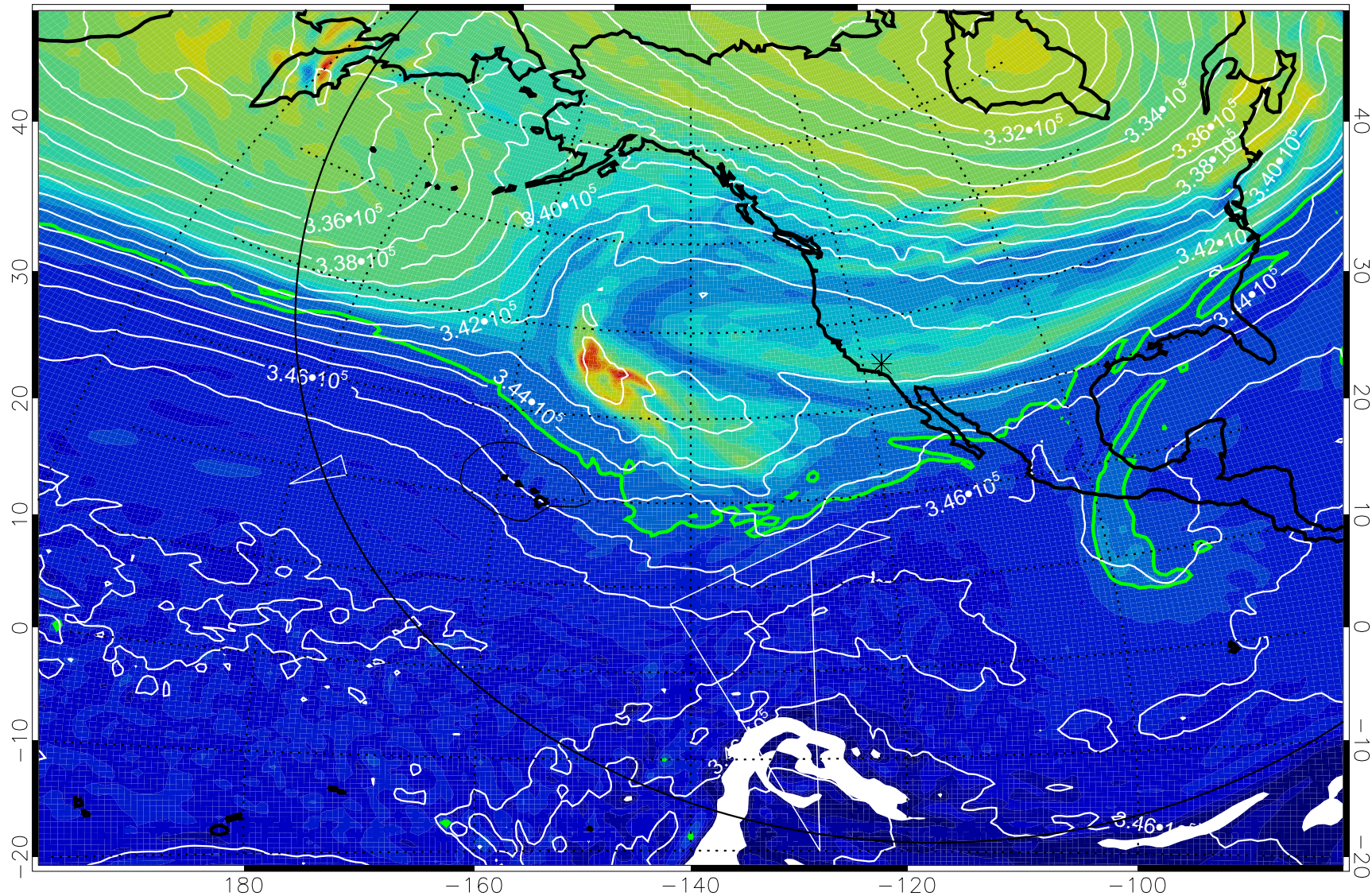


0 5.0\*10<sup>-6</sup> 1.0\*10<sup>-5</sup> 1.5\*10<sup>-5</sup>  
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip

13011712, 120 hour forecast for 355K EPV

160 180 -160 -140 -120 -100



0 5.0•10<sup>-6</sup> 1.0•10<sup>-5</sup> 1.5•10<sup>-5</sup>  
PVU

355K Montgomery Streamfunction, white  
EPV Tropopause (2 PVU) Position  
Range ring of 6000 km -- 19 hours GH round trip